

AMENDMENTS TO THE SPECIFICATION

IN THE SPECIFICATION

On page 4, line 2, please replace the original paragraph with the following amended paragraph:

-- Fig. 1 shows a chart in a reverse and anion-exchange chromatography of d[GC^{ac}ATCAGC^{ac}C^{ac}TCAT] (SEQ ID NO: 1) synthesized with the use of the silyl linker. --

On page 11, line 4, please replace the original paragraph with the following amended paragraph:

-- A DNA 13-mer: d[GC^{ac}ATCAGC^{ac}C^{ac}TCAT] (SEQ ID NO: 1) wherein the amino groups in some of the cytosine bases were acetylated was synthesized. Such acetyl group was unstable under such a weakly basic condition as ammonia. However, the acetylated cytosine base will form a base pair of Watson-Crick type with a guanine base and a DNA oligomer comprising such acetylated cytosine base will therefore have a specialized property such as a higher forming capacity of a double strand than that comprising a natural cytosine base.--

On page 12, line 8, please replace the original paragraph with the following amended paragraph:

-- The DMTr group was then removed by the treatment with 3 % trichloroacetic acid in CH₂Cl₂ (2 mL) for one minute, and the solid-phase support was washed with CH₂Cl₂ (1 mL x 3) and CH₃CN (1 mL x 3). The cyanoethyl group was then removed by the treatment with 10% DBU in CH₃CN (500 μL). After being washed with CH₃CN (1 mL x 3), the solid-phase support was treated with anhydrous

THF solution (500 μ L) dissolving TBAF (131 mg, 0.5 mmol) and acetic acid (24 μ L, 0.5 mmol) for one hour in order to cut out the DNA oligomer. The resulting mixture solution was desalted with Sep-Pak C18 cartridge, diluted with water and subjected to reverse and anion-exchange HPLC for analysis. The results by mass spectrometry of the resulting compound are as follows: d[GC^{ac}ATCAGC^{ac}C^{ac}TCAT]

(SEQ ID NO: 1) Mass (M-H)calcd. 4017.72, found 4018.00.--

Please insert the Sequence Listing enclosed herewith immediately after the Abstract.